

FY 1998 AIP Discretionary Funding Recommendations

A Briefing

The ACIP Concept

- ✓ Compile All AIP Funding Plans
- ✓ Rank By Priority
- ✓ Recommend Funding for the Highest National Needs



The Early ACIP Practice



- ✓ Estimate “Good” Priorities
- ✓ How Much Funding is Needed for the “Good” Priorities?
- ✓ Which Projects can be Reduced or Eliminated?

ACIP Growing Pains

- ✓ What is a “Good” Priority, Anyway?
- ✓ A Firm Cut-Off = “Good” Vs. “Bad” Projects
- ✓ Headquarters Judgement on Individual Projects
- ✓ No Flexibility
- ✓ Loss of Regional and Field Involvement

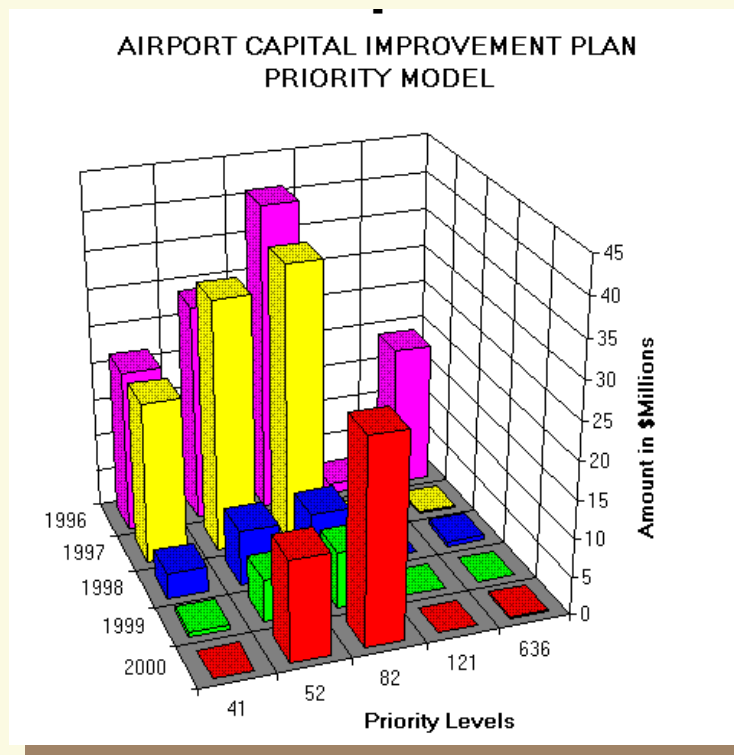
New ACIP Tools

✓ Standard Review for ACIP Submittals

Regional ACIP Review Checklist		
Review each document / format button on the MARS document.	Check List	Use the MARS buttons) refer to a
1.	<u>Phased Projects</u>	
♦	Use the {Phased} button to list projects marked as phased.	
♦	Descriptions of phased projects should meet the standards of draft PGL 98-1. The ACIP code must match the project objective and the primary description. Phased work is shown in parenthesis, followed by the phase number. Example: ST RW EX – Extend Runway (Land Acquisition) Phase 1.	
♦	Check for earlier phases in the AIP system when a phase greater than 1 is indicated.	
2.	<u>Letters Of Intent</u>	
♦	Use the {LOI} button to identify any projects that have been marked as LOI, but do not appear on the AIP LOI report. These projects need to be flagged so that we can account for all LOI commitments.	
♦	ACIP entitlement funds may not match the payouts shown on the AIP LOI report because entitlement payouts are estimated and actually vary from year to year. Changes in entitlements also affect the annual discretionary pay out. LOI payment management is the responsibility of the Region and complete and accurate accountability in the ACIP may not be necessary.	

New ACIP Tools

✓ Data Analysis Model Development



New ACIP Tools

- ✓ The National Priority System (NPS)



1998: Putting The Pieces Together

- ✓ Regional ACIP Formulation
- ✓ Strategic National Analysis
- ✓ Funding Scenario Calculations
- ✓ Final Adjustments and Recommendations

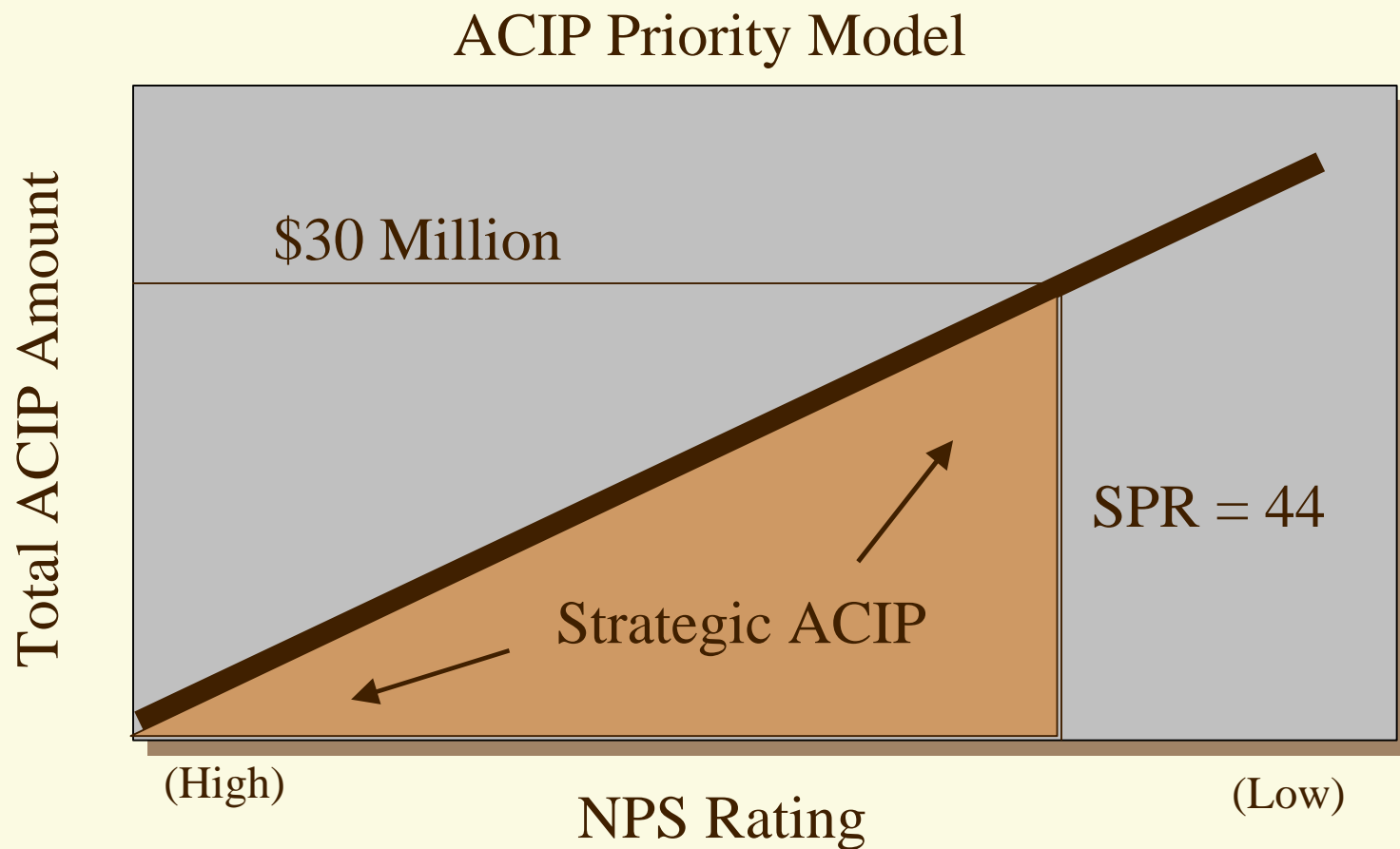
Strategic National Analysis

- ✓ Establishes a **Strategic Priority Rating (SPR)**
- ✓ Examines Airport/Project Types Separately
- ✓ Applies all Available and Anticipated AIP Funds
- ✓ Defines a “First Cut” of “Candidate” Projects

Strategic Priority Rating

- ✓ *Definition:* An NPS priority rating that identifies projects which will maximize attainment of Federal goals given:
 - ACIP Funding Needs
 - Relationship between NPS Priorities and Goals
 - Projected Funds Availability
- ✓ The SPR is a macro analysis of the National Airport Systems

Strategic Analysis Example



Funding Scenario Calculations

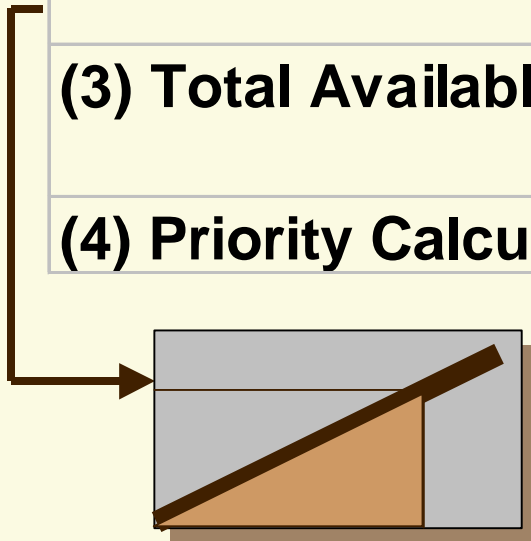
- ✓ *Definition:* Calculations of possible regional discretionary funds distributions
- ✓ Multiple calculations examine various perspectives for funds distribution.
- ✓ FY 1998 Calculations
 - Priority: Apply Entitlements to SPR Needs
 - Performance: Passengers & Based Aircraft
 - Priority-Performance

Priority Calculation Example

Regional ACIP:

This is the SPR
Request

(1) Total Assigned ACIP	
(2) Total Assigned ACIP at SPR	30 million
(3) Total Available Ent/Apport	20 million
(4) Priority Calculation (2) - (3)	



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This is the Priority
Calculation

Performance Calculation

Example - page 1

	Primary & Noise	Non-Primary & System Planning
National Strategic Discretionary:	(1) 587.7	87.0
Regional Calculation:		
% Aircraft		10%
% Passengers	(2) 9%	
Discretionary	(3) 52.9	8.7

$$(1) \times (2) = (3)$$

This is the Performance Calculation

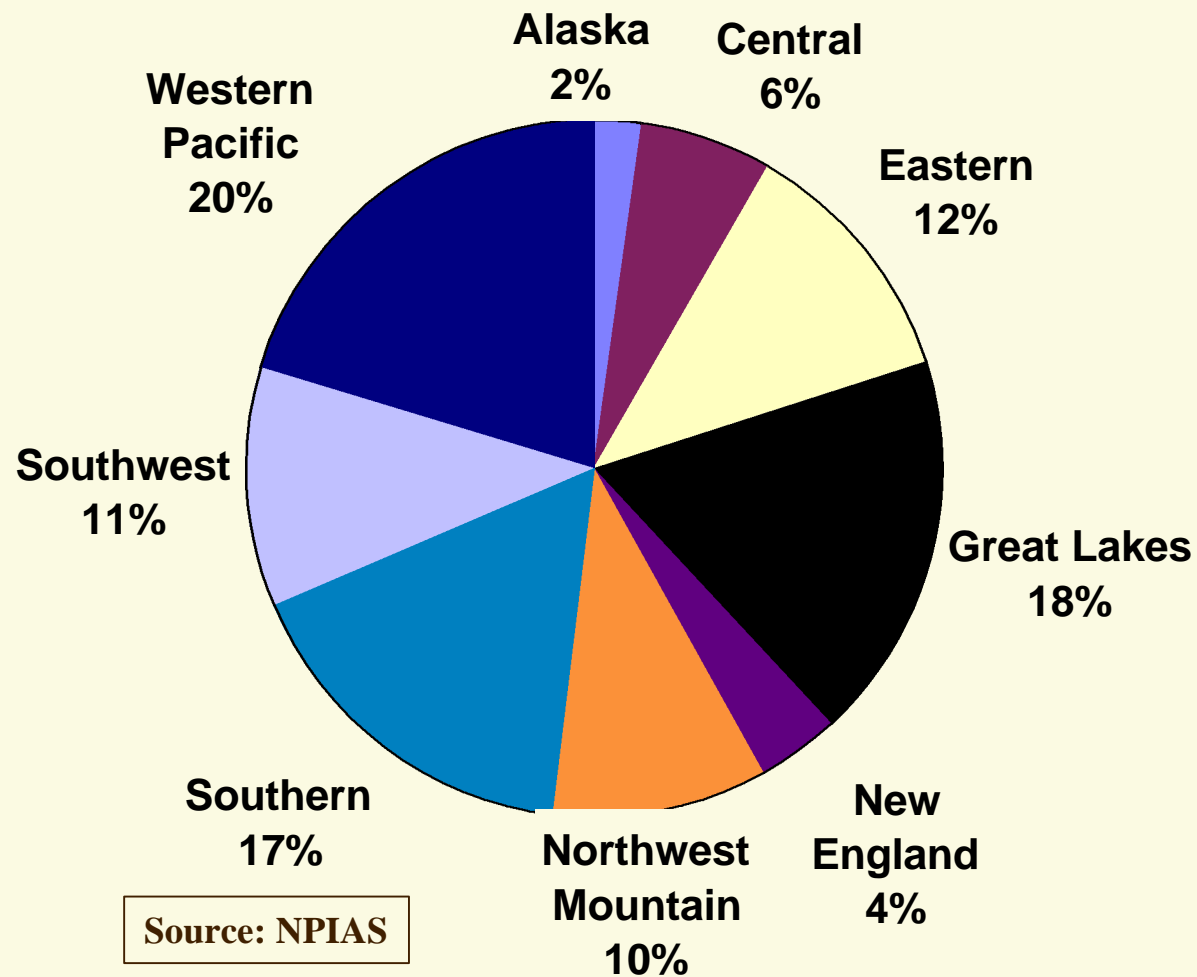
Performance Calculation

Example - page 2

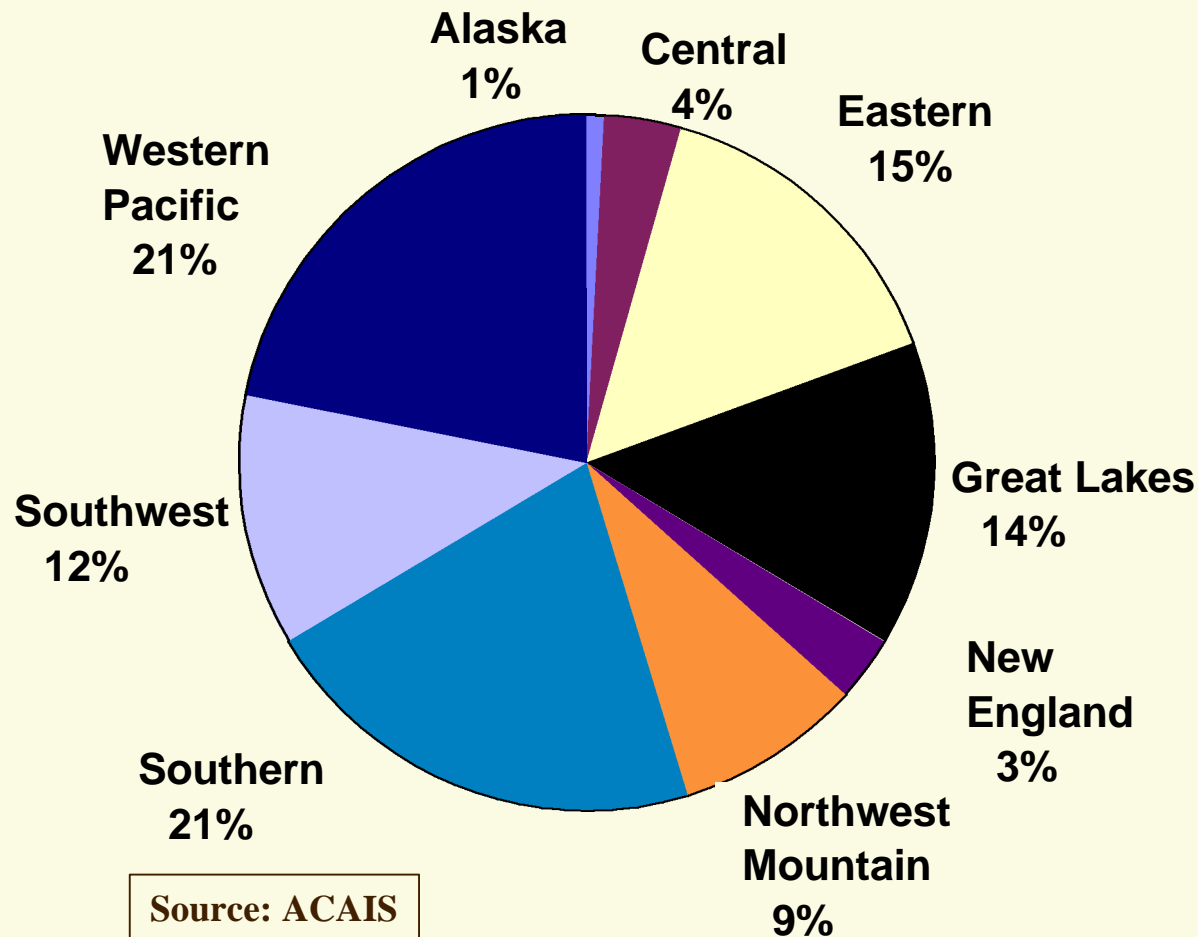
Regional Distribution by Airport Type	SPR Request	%	Reg Calc	Reg. Dist.
Commercial Service	1.95	(1) 5%		(3) 0.45
General Aviation	26.41	70%		6.05
Reliever	8.05	21%		1.85
System Planning	1.56	4%		0.36
Non-Primary Sub Total	37.96		(2) 8.70	8.70
Large & Medium Hub Primary	90.78	56%		29.42
Small Hub Primary	5.14	3%		1.67
Non-Hub Primary	62.31	38%		20.19
Noise	5.00	3%		1.62
Primary Sub Total	163.23		52.89	52.89

$$(1) \times (2) = (3)$$

Performance Calculation Based Aircraft Data



Performance Calculation Passenger Data



Priority - Performance Calculation

- ✓ Start with the lesser of the Priority and Performance Calculations
- ✓ Distribute remaining funds up to the Priority Calculation based on Performance levels
- ✓ Add Reserved LOI Amounts and Non-SPR Special Requirements

Final Adjustments and Recommendations

- ✓ The Most Important Step
- ✓ Requires Professional Judgement
- ✓ Must Make Sense for:
 - Nation
 - Regions
 - Individual Airports
 - Individual Projects

Final Adjustments Example

Four Calculations:

	<i>Commercial Service</i>	<i>Total Region</i>
Priority Calc	0.276	115.919
Performance Calc	0.357	80.604
Priority-Perf. Calc	1.345	84.282
SPR Request	0.945	

- Regional Allotment Recommendation Based on Priority-Performance Calculation
- Commercial Service Recommendation (0.945) is Limited to SPR Request

For More Information...

www.faa.gov/arp/520home.htm